

Appl. No. 10/730,408
Examiner: Zarroli, Michael C, Art Unit 2839
In response to the Office Action dated April 4, 2005

Date: May 17, 2005
Attorney Docket No. 10113441

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A connector, comprising:

- a first housing defining a through hole;
- a second housing having a threaded post;
- a screw passing through the through hole and fastening to the threaded post; and
- a resilient lever having a pressing portion, a curved portion and a hook for sustaining a pulling force, rotatably connected to the threaded post, wherein the pulling force is substantially directed to the threaded post; and
a key contacting the resilient lever, the resilient lever rotated by the threaded post when the key is pushed, wherein the key presses the pressing portion when pushed, and the curved portion rotates closely around the threaded post.

Claims 2-3 (canceled)

Claim 4 (currently amended): The connector as claimed in claim 1 ~~claim-3~~, further comprising a body and a constraining wall, wherein the body is contained in the first and the second housings, a gap formed between the body and the threaded post receives the constraining wall, and the curved portion of the resilient lever is limited between the threaded post and the constraining wall.

Claim 5 (original): The connector as claimed in claim 4, wherein a profile of the constraining wall corresponds to the curved portion of the resilient lever.

Claim 6 (previously presented): A connector, comprising:

- a first housing defining a through hole;
- a second housing having a threaded post;
- a screw passing through the through hole and fastening to the threaded post;

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- a resilient lever having a hook for sustaining a pulling force, rotatably connected to the threaded post so that the pulling force is substantially directed to the threaded post; and
- a key detachably connecting to the resilient lever, wherein the resilient lever is rotated around the threaded post when the key is pushed.

Claim 7 (previously presented): A connector, comprising:

- a first housing defining a through hole;
- a second housing having a threaded post and a side;
- a body contained in the first and second housings;
- a screw passing through the through hole and fastening to the threaded post; and
- a resilient lever comprising a pressing portion, a curved portion and a hook, wherein the curved portion is rotatably connected to the threaded post, the pressing portion is connected to an end of the curved portion and abuts the body, the hook is connected to the other end of the curved portion, the curved portion is curving away from the side, when an external force is employed on the pressing portion, the pressing portion deforms to impel the curved portion to rotate around the threaded post.

Claim 8 (previously presented): The connector as claimed in claim 7, wherein the resilient lever further comprises a connection portion connecting the pressing portion and the curved portion, wherein the pressing portion urges against the body when the connection portion is pushed, and the curved portion rotates closely around the threaded post.

Claim 9 (new): The connector as claimed in claim 6, wherein the resilient lever further comprises a pressing portion and a curved portion, the key presses the pressing portion when pushed, and the curved portion rotates closely around the threaded post.

Claim 10 (new): The connector as claimed in claim 9, further comprising a body and a constraining wall, wherein the body is contained in the first and the second housings, a gap formed between the body and the threaded post receives the constraining wall, and the curved portion of the resilient lever is limited between the threaded post and the constraining wall.

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Claim 11 (new): The connector as claimed in claim 10, wherein a profile of the constraining wall corresponds to the curved portion of the resilient lever.

Claim 12 (new): The connector as claimed in claim 7, further comprising a key contacting the resilient lever, the resilient lever rotated by the threaded post when the key is pushed.

Claim 13 (new): The connector as claimed in claim 12, wherein the key presses the pressing portion when pushed, and the curved portion rotates closely around the threaded post.

Claim 14 (new): The connector as claimed in claim 13, further comprising a constraining wall, wherein a gap formed between the body and the threaded post receives the constraining wall, and the curved portion of the resilient lever is limited between the threaded post and the constraining wall.

Claim 15 (new): The connector as claimed in claim 14, wherein a profile of the constraining wall corresponds to the curved portion of the resilient lever.